

# Tangents

for orchestra

Roger Zare

# Instrumentation

1 Piccolo

2 Flutes

2 Oboes

2 Clarinets in B♭

2 Bassoons

4 Horns in F

3 Trumpets in B♭

3 Trombones (3rd is bass)

1 Tuba

Timpani

2 Percussion

1. Glockenspiel, Chimes, Snare Drum, Hi-Hat, Tam-tam, Bass Drum

2. Vibraphone, Triangle, Whip, Suspended Cymbal, Tam-tam, Bass Drum

Harp

Strings

A tangent line is a line that touches another at only one point without intersecting. In this work, I envisioned the musical lines interacting in this way, quickly flowing up and down and bouncing off of each other. This is clearest at the onset of the piece, with high percussion and winds swooping down and passing their line to the strings. After some more back and forth interplay between these musical lines, a flowing melody is revealed. As this melody is revisited and developed through the course of the work, the rush of 16th notes seldom wavers, and each iteration becomes larger and more grandiose, until its triumphant ending.

Score is transposed

Duration ca. 5'30"

for more information, please visit [www.rogerzare.com](http://www.rogerzare.com)

# Tangents

[2]

[3]

[4]

Roger Zare  
(b. 1985)

Quickly flowing  $\text{♩} = 112$

Piccolo  
Flute 1.2.  
Oboe 1.2.  
Clarinet 1.2. in B♭  
Bassoon 1.2.

Horn in F  
3.4.  
Trumpet in B♭ 1.2.3.  
Trombone 1.2.3.  
Tuba

Timpani

Percussion 1  
Glockenspiel      *shimmering but not too bright (medium mallets)*  
*pp energico*

Percussion 2  
Vibraphone

Harp      *D♭C♯B♭ / E♭F♯G♯A♯*

Violin I  
Violin II  
Viola  
Violoncello  
Contrabass

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2.

F Hn.

3.4.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Timp.

Perc. 1  
Glock.

Perc. 2  
Vib.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

1. *p* *mp*

*pp* — *mp*

*p* — *ppp*

*pp* — *ppp*

*p* — *ppp*

*p* — *ppp*

9

10

11

12

5

**A**

Picc. *f*

Fl. 1.2. *f*

Ob. 1.2. 1. *f* *p* *p*

Cl. 1.2. *a2* *n* *p*

Bsn. 1.2.

1.2. *sforzando* *fp*

F Hn. *sforzando* *fp*

3.4. *fp*

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Tim.

Perc. 1 Glock. *f*

Perc. 2 Vib. *f* *p* *pp*

Hp. *f* *p* *pp* *A* *p*

**A**

Vln. I pizz. *f* arco, leggiero (sim.) *p*

Vln. II pizz. *f* arco, leggiero (sim.)

Vla. *fp* leggiero (sim.)

Vc. pizz. *f*

Cb. *f* pizz.

13

14

15

B

16

Picc. *mf*

Fl. 1.2. *mf*

Ob. 1.2.

Cl. 1.2. *a2*

Bsn. 1.2.

1.2.

F Hn. *sf*

3.4.

Tpt. 1.2.3. *fp*

Tbn. 1.2.3. *sf*

Tba.

Timp.

Perc. 1. Glock. *mf*

Perc. 2. Vib. *pp*

Hp. *mf*

Vln. I *pizz.* *mf*

Vln. II *pizz.* *mf*

Vla. *fp*

Vc. *arco*

Cb. *pizz.* *f*

<img alt="Musical score page 6 showing measures 13 through 16. The score is divided into two systems by a vertical bar. The top system (measures 13-15) features woodwind instruments like Piccolo, Flute 1.2, Oboe 1.2, Clarinet 1.2, Bassoon 1.2, Trombone 1.2, French Horn, Trombone 3.4, Trumpet 1.2.3, Tuba, and Timpani. The bottom system (measures 15-16) features percussion (Percussion 1, Glockenspiel, Percussion 2, Vibraphone, and Bass Drum) and strings (Violin 1, Violin 2, Cello, Double Bass). Measure 13: Piccolo (mf), Flute 1.2 (mf), Clarinet 1.2 (a2), Bassoon 1.2 (rest), Trombone 1.2 (rest), French Horn (rest), Trombone 3.4 (rest), Trumpet 1.2.3 (rest), Tuba (rest), Timpani (rest). Measure 14: Flute 1.2 (rest), Clarinet 1.2 (rest), Bassoon 1.2 (rest), Trombone 1.2 (rest), French Horn (rest), Trombone 3.4 (rest), Trumpet 1.2.3 (rest), Tuba (rest), Timpani (rest). Measure 15: Piccolo (pp), Flute 1.2 (p), Clarinet 1.2 (a2), Bassoon 1.2 (rest), Trombone 1.2 (rest), French Horn (rest), Trombone 3.4 (rest), Trumpet 1.2.3 (rest), Tuba (rest), Timpani (rest). Measure 16: Flute 1.2 (mf), Clarinet 1.2 (f), Bassoon 1.2 (pp), Trombone 1.2 (1.), Trombone 3.4 (pp), Trumpet 1.2.3 (fp), Tuba (rest), Timpani (rest). Measures 15-16: Percussion 1 (mf), Percussion 2 (pp), Vibraphone (pp), Bass Drum (f), Violin 1 (mf), Violin 2 (mf), Cello (pp), Double Bass (f). Measure B: Violin 1 (pizz.), Violin 2 (pizz.), Cello (fp), Double Bass (pizz.). Measure 16 concludes with a dynamic of <i>f.

17

18

19

20

21

7

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2.

F Hn.

Tpt. 3.4.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Tim.

Perc. 1

Glock.

Perc. 2

Vib.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

Measure 17: Flute 1.2 and Bassoon 1.2 play eighth-note patterns. Dynamic: *p*, *ppp*.

Measure 18: Oboe 1.2 and Clarinet 1.2 play sustained notes. Dynamic: *p*.

Measure 19: Bassoon 1.2 and Bassoon 1.2 play sustained notes. Dynamic: *p*.

Measure 20: Bassoon 1.2 and Bassoon 1.2 play sustained notes. Dynamic: *mf*.

Measure 21: Bassoon 1.2 and Bassoon 1.2 play sustained notes. Dynamic: *mf*.

22

23

24

25

26

C

Picc.

Fl. 1.2. *p-f*

Ob. 1.2. *f*

Cl. 1.2. *a2*

Bsn. 1.2. *f*

F Hn. 1.2.

Tpt. 1.2.3. 3.4.

Tbn. 1.2.3. *f*

Tba. *f*

Tim. *f*

Perc. 1 Glock. *f* To Chim.

Perc. 2 Vib. *p-f* To Cym.

Hp. D $\sharp$ C $\sharp$ B $\sharp$  / E $\sharp$ F $\sharp$ G $\sharp$ A $\sharp$  *p-f* *p*

Vln. I *f*

Vln. II *f*

Vla. *f*

Vc. *f* pizz. *f*

Cb. *f*

Picc.

Fl. 1.2. *f*

Ob. 1.2. *f*

Cl. 1.2. *a2* 3. *a2*

Bsn. 1.2. 3.

F Hn. 1.2. *f* 3. *3.* 3. *cantabile*

Tpt. 1.2.3. 1. *p* 2. *p*

Tbn. 1.2.3. 1.2. *a2* 3. *f* 3.

Tba. 3.

Timp.

Perc. 1 Glock.

Perc. 2 Vib. Cymbals *p*

Hp. F# 3. *f* 3. *cantabile*

Vln. I arco *f* 3. *f* 3. *cantabile*

Vln. II arco *f* 3. *f* 3. *cantabile*

Vla. *f* 3. *f* 3. *cantabile*

Vc. *f* 3. *f* 3.

Cb. 3.

D

32

33

34

35

Picc. *ff*

Fl. 1.2. *ff*

Ob. 1.2. *ff*

Cl. 1.2. *ff*  
a2

Bsn. 1.2.

1.2. *ff*

F Hn. *ff*

3.4. *ff*

Tpt. 1.2.3. *ff*

Tbn. 1.2.3. *ff*

Tba.

Timp. *ff*

**Chimes**

Perc. 1  
Chim. *f*

Perc. 2  
Cym. *f*

To T.-t.

Hp. *ff*

**D**

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *ff*

Cb. *ff*

36

37

38

39

40

11

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2.

1.2.

F Hn.

3.4.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Tim.

Perc. 1  
Chim.

Perc. 2  
Cym.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

41

42

43

44

45

46

47

Picc. *p*

Fl. 1.2. *p* *f* *f* *f*

Ob. 1.2. *f* *f* *f*

Cl. 1.2. *a2* *3* *3* 1. *p* *f* *f*

Bsn. 1.2. *pp* *f* *f* *p*

F Hn. *pp*

Tpt. 1.2.3. *pp*

Tbn. 1.2.3. *pp*

Tba. *pp*

Tim. *pp*

Perc. 1 Chim.

Perc. 2 T.-t.

Hp.

Vln. I *p* *f*

Vln. II *p*

Vla.

Vc. *f* *p* *f* *p*

Cb. *f* *p* *f* *p*

48

49

50

51

52

53

13

Picc.

Fl. 1.2. *p* 1. *pp*

Ob. 1.2. *p* 1. *pp*

Cl. 1.2. 1. *p* 3. *n*

Bsn. 1.2.

F Hn. 1.2.

3.4.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Timp.

Perc. 1 Chim.

Perc. 2 T.-t.

Hp.

Vln. I *p* 3. *n*

Vln. II

Vla.

Vc.

Cb.

54

55

56

57

58

59

Picc.

Fl. 1.2. *f*

Ob. 1.2. *f* *subito*

Cl. 1.2. *f*

Bsn. 1.2. *f*

F Hn. 1.2.

3.4.

Tpt. 1.2.3. *con sord.*  
*straight mute* *f*

Tbn. 1.2.3. *2.3. con sord.*  
*straight mute* *f*

Tba.

Timp.

Perc. 1 *Snare Drum*  
S. D. *snares on* *f*

Perc. 2 *T-t.*

Hp.

Vln. I *f*

Vln. II *f* *pizz.*

Vla. *f* *pizz.*

Vc. *f* *pizz.*

Cb. *f* *pizz.*

60                    61                    62                    63

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2.

F Hn.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Timp.

Perc. 1  
S. D.

Perc. 2  
T.-t.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

rim shot      ord.      To Glock.

64

E

65

66

67

Picc. *ff*

Fl. 1.2. *ff*

Ob. 1.2. *f ff*

Cl. 1.2. *ff*

Bsn. 1.2. *f ff*

F Hn. -

3.4. -

Tpt. 1.2.3. -

Tbn. 1.2.3. -

Tba. -

Timp. -

Perc. 1 S. D. *ff* **Glockenspiel**  
sparkling, but not abrasive

Perc. 2 T.-t. *ff* **Whip** To Tri.

Hp. *ff* dampen  
D=C(B<sup>#</sup>) / E=F(G<sup>#</sup>)A<sup>#</sup>

Vln. I **E** *p* pizz.

Vln. II *fff*

Vla. *fff*

Vc. *fff*

Cb. *p* arco

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2.

F Hn.

3.4.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Tim.

Perc. 1  
Glock.

Perc. 2  
Tri.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

pizz.

f

f

arco

pp

f

p

f

f

f

f

f

p

f

Picc.

1. Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2.

1.2. F Hn.

3.4.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Timp.

Perc. 1. Glock.

Perc. 2. Tri.

To Vib.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

78

79

80

81

82

19

Picc.

Fl. 1.2. *mf*

Ob. 1.2.

Cl. 1.2. *mf*

Bsn. 1.2.

F Hn.

3.4.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Timpani

Perc. 1  
Glock. *pp*  
Vibrphone  
sotto voce, soft mallet

Perc. 2  
Vib. *pp* *mf*  
*solo*

bright

Hp. *f*  
*bright*  
*solo*

Vln. I

Vln. II

Vla.

Vc.

Cb.

**F**

Picc. -

Fl. 1.2. -

Ob. 1.2. a2 p ff

Cl. 1.2. f p ff f

Bsn. 1.2. f pp 1. solo mf

F Hn. -

3.4. -

Tpt. 1.2.3. -

Tbn. 1.2.3. -

Tba. f pp with warmth f pp

Tim. f To T.-t. bright f ReD.

Perc. 1 Glock. -

Perc. 2 Vib. -

Hp. f 3 3 -

Vln. I arco f cantabile arco 3 -

Vln. II f cantabile 3 -

Vla. f p -

Vc. 3 f pp f cantabile 3 -

Cb. f pp f pp

Picc.

Fl. 1.2. *p*

Ob. 1.2. *p*

Cl. 1.2. *p*

Bsn. 1.2. *pp*

1. (solo)

F Hn. *p*

3.4.

Tpt. 1.2.3. *senza sord.* *dolce, sost.* *mf*

Tbn. 1.2.3. *dolce, sost.* *2.3. a2* *mf*

Tba. *dolce, sost.* *mf*

Tim. *p*

Perc. 1 *sotto voce*

Glock.

Perc. 2 *vib.* *p* *ped.*

Hp. *p* *pp*

Vln. I *dolce, sost.* *mf*

Vln. II *dolce, sost.* *mf*

Vla. *dolce, sost.* *mf*

Vc. *dolce, sost.* *mf*

Cb. *mf*

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2.

F Hn. 1.2.

F Hn. 3.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Timp.

Perc. 1 T.t.

Perc. 2 Vib.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

G

Picc. -

Fl. 1.2. a2 - 3

Ob. 1.2. f 3 molto sostenuto e cantabile

Cl. 1.2. ff pp

Bsn. 1.2. ff 3 molto sostenuto e cantabile

a2 3 ff 3 molto sostenuto e cantabile

F Hn. f p

3.4. f p

Tpt. 1.2.3. 1. mf f p f p

Tbn. 1.2.3. 1. 3 f 3 p

Tba. -

Tim. -

Perc. 1 T-t. -

Perc. 2 Vib. pp To B. D.

Snare Drum 3 To Glock.

Hp. -

Vln. I 3 f 3 molto sostenuto e cantabile

Vln. II 3 f 3 molto sostenuto e cantabile

Vla. 3 f 3 molto sostenuto e cantabile

Vc. 3 f 3 molto sostenuto e cantabile

Cb. mf 3 f p

101

102

103

104

105

Picc. 3

Fl. 1.2. 3

Ob. 1.2. 3

Cl. 1.2. a2

Bsn. 1.2. a2

F Hn. 3.4. 3 3 3 3

Tpt. 1.2.3. 2.3.

Tbn. 1.2.3. -

Tba. -

Tim. -

Perc. 1 S. D. -

Glockenspiel f cantabile To Chim.

Perc. 2 Vib. -

Hp. -

Vln. I 3 3 3

Vln. II 3 3 3

Vla. 3

Vc. 3

Cb. f p

106

107

108

109

110

25

Picc. ff

Fl. 1.2. soaring 3 ff soaring f

Ob. 1.2. molto 3 ff pp

Cl. 1.2. molto ff f

Bsn. 1.2. a<sup>2</sup> molto ff f p

1.2. 3 ff f p + p

F Hn. ff f + mf f p

3.4. ff f + mf f p

Tpt. 1.2.3. f ff p mf 2. mf

Tbn. 1.2.3. f ff p

Tba. 3 ff f

Tim. -

Perc. 1 Chimes ff Snare Drum pp

Glock.

Perc. 2 Bass Drum To T.-t. Tam-tam p

B. D.

Hp. D<sub>b</sub>C<sup>#</sup>B<sup>#</sup> / E<sup>#</sup>F<sup>#</sup>G<sup>#</sup>A<sup>b</sup> ff 8va-----

Vln. I 3 ff soaring f 3 3

Vln. II 3 ff f 3 3

Vla. ff 3 3

Vc. ff div. 3 3

Cb. ff f 3 3

H

111

112

113

114

115

Picc. *ff*

Fl. 1.2. *ff*

Ob. 1.2. *ff*

Cl. 1.2. *ff*

Bsn. 1.2. *ff*

F Hn. *ff*

Tpt. 1.2.3. *ff*

Tbn. 1.2.3. *ff*

Tba.

Timp. *ff*

Perc. 1 S.D. *ff*

Perc. 2 T.t. *ff*

Hp.

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *ff*

Cb. *ff*

Fl. 1.2. *p*

Ob. 1.2. *p*

Cl. 1.2. *p*

Bsn. 1.2. *mf*

F Hn. *p*

Tpt. 1.2.3. *pp*

Tbn. 1.2.3. *3.* *mf*

Tba. *p*

Timp. *pp*

Perc. 1 S.D. *pp*

To Vib. *Vibraphone* *sotto voce* *pp* *Rd.*

Vln. I *transparent* *p*

Vln. II *transparent* *p*

Vla. *3.* *mf*

Vc. *mf*

Cb. *p*

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2. *a2*

F Hn. *sffz*

3.4.

Tpt. 1.2.3.

Tbn. 1.2.3. *sffz*

3.

Tba.

Timp. *ff*

*ff* *secco*

Perc. 1 S. D. *Hi-Hat*

Perc. 2 Vib. *Snare Drum*

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb. *pizz.* *sffz*

*pp* *ff sub.*

*pp* *ff sub.* *snap pizz.*

*ff* *snap pizz.*

*ff* *snap pizz.*

**I**

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.  
pp  
pp

Bsn. 1.2.

1.2.  
F Hn.  
3.4.

Tpt. 1.2.3.

Tbn. 1.2.3.  
ff  
2.3. a2

Tba.

Timp.

H. H.  
Perc. 1 :  
S. D.

sotto voce  
Perc. 2  
Vib.  
pp  
Rd.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

126

127

128

J

129

130

29

Picc. *ff*

Fl. 1.2. *ff*

Ob. 1.2. *ff*

Cl. 1.2. *mf* *p* *cresc.* *molto* *ff*

Bsn. 1.2. *p* *cresc.* *molto* *ffp*

F Hn. *ff*

3.4. *ff*

Tpt. 1.2.3. *ff*

Tbn. 1.2.3. *ff*

Tba. *ff*

Timp.

H. H.  
Perc. 1 S. D. *ff*

To T.-t.

Perc. 2 Vib.

Hp. D:C:B: / E:F:G:A: *f* *ff*

Vln. I *ff* *p* *cresc.* *molto* on the string, aggressively

Vln. II *ff* *p* *cresc.* *molto* on the string, aggressively

Vla. *ff* *arco* *p* *cresc.* *molto* *f* on the string, aggressively

Vc. *ff* *ffp* *arco*

Cb. *ff* *ffp*

131

132

133

134

135

Picc. — — — —

Fl. 1.2. — — — —

Ob. 1.2. — — — —

Cl. 1.2. *f* — — — —

Bsn. 1.2. — — — —

1.2. F Hn. *f* — — — —

3.3. Tpt. 1.2.3. *f* — — — —

Tbn. 1.2.3. — — — —

Tba. — — — —

Timp. — — — —

H. H. *pp* *mf* 1.v. To Glock.

Perc. 1 S. D. — — — —

Perc. 2 Vib. — — — —

Tam-tam *pp* *f* To Vib.

Hp. — — — —

Vln. I *p* *ff* *mf* *mp* *f* — — — —

Vln. II *p* *ff* *mf* *mp* *f* — — — —

Vla. *p* *ff* *mf* *mp* *ff* *f* — — — —

Vc. *f* — — — —

Cb. — — — —

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2.

1.2.

F Hn.

3.4.

Tpt. 1.2.3.

1.2. a2

Tbn. 1.2.3.

Tba.

Timp.

H. H.

Perc. 1  
S. D.

Perc. 2  
T.-t.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.

142

Picc. *ff*

Fl. 1.2. *ff*

Ob. 1.2. -

Cl. 1.2. -

Bsn. 1.2. -

1.2. *a2*

F Hn. *a2*

3.4. 1.2. *a2*

Tpt. 1.2.3. -

Tbn. 1.2.3. -

Tba. -

Tim. -

Perc. 1 *Glockenspiel* *ff*

Perc. 2 *T-t.* (8) -

Hp. *ff* D:C:B♭ / E:F:G:A:K *ff*

Vln. I -

Vln. II -

Vla. -

Vc. -

Cb. -

143

- *p*

- *p*

- *fff*

- *fff*

- *fff*

- *ff*

**K**

*fff*

**144**

*mf*

*f with warmth*

**145**

*f with warmth*

146 147 148 149 150

Picc.

Fl. 1.2.

Ob. 1.2.

Cl. 1.2.

Bsn. 1.2.

F. Hn.

3.4.

Tpt. 1.2.3.

Tbn. 1.2.3.

Tba.

Timp.

Perc. 1  
Glock.

Perc. 2  
Vib.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Cb.



155

156

157

158

35

Picc. *f* — *p*

Fl. 1.2. *f* — *p*

Ob. 1.2. *a2* — *f*

Cl. 1.2. *f* — *ff*

Bsn. 1.2. — *ff*

1.2. *p* — *ff*

F Hn. — *p*

3.4. — *p*

1.2. *a2* — *p*

Tpt. 1.2.3. — *p*

Tbn. 1.2.3. — *p* — *ff* — *mf*

Tba. — *p* — *ff* — *mf*

Timp. — *p*

Perc. 1 Glock. — *p* — *p* — *p*

Perc. 2 Vib. — *ff* — *p* — *ff*

Hp. — *p* — *D=G=A/B = E=F=G=A#*

Vln. I — *ff* — *f* — *f*

Vln. II — *f* — *p* — *f*

Vla. — *v* — *ff* — *f*

Vc. — *v* — *ff* — *f*

Cb. — *ff* — *div.* — *ff* — *mf*

159

160

161

162

Picc. *ff*

Fl. 1.2. *ff*

Ob. 1.2. *ff*

Cl. 1.2. *ff*

Bsn. 1.2. *ff*

F Hn. *fff*

3.4. *fff*

Tpt. 1.2.3. *fff*

Tbn. 1.2.3. *fff*

Tba. *fff*

Timp. *fff*

Perc. 1 Glock. *ff*

Perc. 2 B. D. *To Cym.* *pp* *p* *ff*

Hp. *ff*

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *ff*

Cb. *ff*

